

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
25 August 2005 (25.08.2005)

PCT

(10) International Publication Number
WO 2005/078056 A1

(51) International Patent Classification⁷: C11D 1/58, 3/28, 3/43, 7/32, 7/50, 3/18, 7/24 (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DB, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:
PCT/GB2005/000445

(22) International Filing Date: 9 February 2005 (09.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0403008.6 11 February 2004 (11.02.2004) GB

(71) Applicant (for all designated States except US):
RECKITT BENCKISER (UK) LIMITED (GB/GB);
103-105 Bath Road, Slough, Berkshire SL1 3UH (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): CORNELIUS, Gay,
Joyce (GB/GB); 57 The Wolds, Cottingham HU16 5LQ
(GB). MCKECHNIE, Malcom, Tom (GB/GB); Reckitt
Benckiser Corporate Services Limited, Dansom Lane, Hull
HU8 7DS (GB).

(74) Agents: INSTONE, Terry et al.; Intellectual Property
Department-Patents Group, Reckitt Benckiser plc, Dansom
Lane, Hull HU8 7DS (GB).

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CI, CG, CL, CM, GA, GN,
GQ, GW, MI, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(iii)) for all designations
- of inventorship (Rule 4.17(iv)) for US only

Published:

- with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: COMPOSITION AND METHOD

(57) Abstract: A cleaning composition comprising from 30 to 70 percent by weight of 1-alkyl-2-pyrrolidone, from 25 to 45 percent by weight of hydrocarbon and from 5 to 25 percent by weight of water exhibits good cleaning performance and a visual indication of activity. The composition is on or adjacent to a phase boundary of its phase diagram and exhibits self-induced surface motility of the Marangoni type.

WO 2005/078056 A1